

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**  
 Specifications & Purity: PharmPure™,USP,ChP,JP,BP,Ph.Eur.  
 SKU #: **T433189**

Parameter	Limit Values
Assay(on the dried substance)	99-101 (%)
Assay (calc. as dihydrate)	99-101 (%)
Appearance(T433189)	White to almost white crystalline powder
Appearance of solution (5%, water)	Clear and colorless
PH(1% in Water)	4.3-4.7
PH(5% in water)	4-5
Chloride(Cl)	0-40 (ppm)
Cyanide	0-1 (ppm)
Identification(ChP)	Complies
Identity by IR	Conforms to Structure
Identity(Sodium)	passes test
Fe(Iron)	0-20 (ppm)
Ca (Calcium)	passes test
Heavy metals	0-10 (ppm)
Nitrilotriacetic acid	≤ 0.1 (%)
Methanol	0-3000 (ppm)
Other residual solvents(ICH Q3C)(excluded by production process)	Pass
Loss on drying(150°C,6h)	8.7-11.4 (%)
Sulphated ash	37-39 (%)
Total aerobic microbial count (TAMC)	0-100 (cfu/g)
Total combined yeasts/moulds count (TYMC)	0-10 (cfu/g)
Bile tolerant Gram negative Bacteria(absent in 1g)	Passes test
Candida albicans (absent in 1 g)	passes test
Escherichia coli (absent in 1 g)	passes test
Pseudomonas aeruginosa (absent in 1 g)	passes test
Salmonella (absent in 10 g)	passes test
Staphylococcus aureus (absent in 1 g)	passes test
Bacterial endotoxins (LAL-test)	≤30 (IU/g)
RNases	none detected
DNases(Endo-and exonucleases)	Not detectable